Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098278.D
Acq On : 6 Sep 2017 17:50
Operator : SJ/JU
Sample : PB102073BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102073BS

Manual Integrations APPROVED
Sohil
9/7/2017 5:44:25 PM

Quant Time: Sep 07 04:15:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	108087	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	440657	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	210233	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	430286	20.00	ng		0.00
75) Chrysene-d12	13.85	240	350102	20.00	ng		-0.01
86) Perylene-d12	15.25	264	268364	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	904855	127.34	ng		0.00
7) Phenol-d6	6.35	99	1224449	126.82	ng		0.00
23) Nitrobenzene-d5	7.26	82	761081	93.83	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	271951	149.09	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1213280	84.79	ng		-0.01
78) Terphenyl-d14	12.80	244	1153039	68.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	142206	35.884	ng	#	86
3) Pyridine	3.10	79	401019	36.604	ng		87
4) n-Nitrosodimethylamine	3.06	42	149574	35.482	ng	#	67
6) Aniline	6.36	93	417351	30.771	ng	#	19
8) 2-Chlorophenol	6.48	128	320048	42.707	ng		96
9) Benzaldehyde	6.24	77	77535	12.678	ng		90
10) Phenol	6.36	94	446419	39.534	ng		88
11) bis(2-Chloroethyl)ether	6.44	93	355168	41.673	ng		94
12) 1,3-Dichlorobenzene	6.63	146	320348	39.741	ng	#	94
13) 1,4-Dichlorobenzene	6.71	146	322860	39.381	ng	#	94
14) 1,2-Dichlorobenzene	6.86	146	299203	39.580	ng		100
15) Benzyl Alcohol	6.85	79	291809	40.369	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	452203	39.435	ng		87
17) 2-Methylphenol	6.96	107	293939	44.509	ng		95
18) Hexachloroethane	7.20	117	130517	40.606	ng	#	83
19) n-Nitroso-di-n-propylamine	7.12	70	255140	38.603	ng		89
20) 3+4-Methylphenols	7.12	107	357176	44.281	ng	#	84
22) Acetophenone	7.11	105	467479	40.158	ng	#	88
24) Nitrobenzene	7.28	77	400751	44.372	ng		95
25) Isophorone	7.52	82	736990	43.695	ng		97
26) 2-Nitrophenol	7.60	139	169230	51.311	ng	#	85
27) 2,4-Dimethylphenol	7.64	122	303300	43.117	ng		94
28) bis(2-Chloroethoxy)methane	7.73	93	468537	42.253	ng		98
29) 2,4-Dichlorophenol	7.84	162	263095	45.057	ng		93
30) 1,2,4-Trichlorobenzene	7.92	180	261878	40.456	ng		100
31) Naphthalene	8.00	128	931590	40.722	ng		100
32) Benzoic acid	7.78	122	144474	30.832	ng		90
33) 4-Chloroaniline	8.05	127	332887	34.503	ng		99
34) Hexachlorobutadiene	8.12	225	149577	39.576	ng		98
35) Caprolactam	8.43	113	98559m	49.649	ng		
36) 4-Chloro-3-methylphenol	8.55	107	329411	43.908	ng	#	80
37) 2-Methylnaphthalene	8.69	142	622700	44.398	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	250971	38.898	ng	#	98
40) Hexachlorocyclopentadiene	8.85	237	257768	83.162	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	180369	41.639	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	189329	44.057	ng		96
45) 1,1'-Biphenyl	9.16	154	740369	38.619	ng		96
46) 2-Chloronaphthalene	9.18	162	552812	39.026	ng	#	92
47) 2-Nitroaniline	9.28	65	221535	46.651	ng		96
48) Acenaphthylene	9.59	152	917808	41.260	ng		99
49) Dimethylphthalate	9.46	163	701993	45.681	ng		99
50) 2,6-Dinitrotoluene	9.53	165	149108	48.609	ng	#	73
51) Acenaphthene	9.77	154	547901	39.054	ng		98
52) 3-Nitroaniline	9.69	138	147009	37.146	ng		90
53) 2,4-Dinitrophenol	9.81	184	141875	95.047	ng	#	71
54) Dibenzofuran	9.94	168	812257	43.200	ng		99
55) 4-Nitrophenol	9.87	139	239066	75.724	ng	#	47
56) 2,4-Dinitrotoluene	9.93	165	191653	49.785	ng	#	55
57) Fluorene	10.28	166	619830	42.638	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.06	232	162216	48.755	ng		92
59) Diethylphthalate	10.16	149	730418	45.451	ng		100
60) 4-Chlorophenyl-phenylether	10.27	204	288366	42.699	ng	#	85
61) 4-Nitroaniline	10.32	138	185636	49.352	ng		83
62) Azobenzene	10.43	77	844553	44.243	ng		93
64) 4,6-Dinitro-2-methylphenol	10.35	198	100492	49.290	ng	#	72
65) n-Nitrosodiphenylamine	10.40	169	589235	40.214	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	187046	41.861	ng		93
67) Hexachlorobenzene	10.83	284	183021	40.186	ng	#	90
68) Atrazine	10.93	200	184280	47.423	ng		96
69) Pentachlorophenol	11.03	266	182640	68.780	ng		99
70) Phenanthrene	11.24	178	936664	40.851	ng		99
71) Anthracene	11.29	178	974902	41.921	ng		99
72) Carbazole	11.45	167	927559	42.019	ng		98
73) Di-n-butylphthalate	11.78	149	1147207	45.118	ng		100
74) Fluoranthene	12.43	202	1019256	42.589	ng		99
76) Benzidine	12.55	184	551375	48.033	ng	#	92
77) Pyrene	12.65	202	1052596	36.760	ng		99
79) Butylbenzylphthalate	13.27	149	493215	44.926	ng	#	73
80) Benzo(a)anthracene	13.84	228	808098	38.512	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	232110	32.781	ng	#	96
82) Chrysene	13.88	228	814386	39.016	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	595396	48.942	ng	#	100
84) Di-n-octyl phthalate	14.44	149	1132344	53.495	ng		97
85) Indeno(1,2,3-cd)pyrene	16.62	276	603469	39.301	ng		95
87) Benzo(b)fluoranthene	14.86	252	719997	42.564	ng		100
88) Benzo(k)fluoranthene	14.89	252	696713	43.839	ng	#	94
89) Benzo(a)pyrene	15.20	252	661163	44.151	ng		99
90) Dibenzo(a,h)anthracene	16.63	278	495856	40.672	ng		99
91) Benzo(g,h,i)perylene	17.02	276	501690	39.438	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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